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States Government

Department of Energy

Rocky Flats Field Office

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DATE 2-23-95JAN 24 2 02 PM '95  
**memorandum**

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WOORHEIS, G.M.		

JAN 24 1995

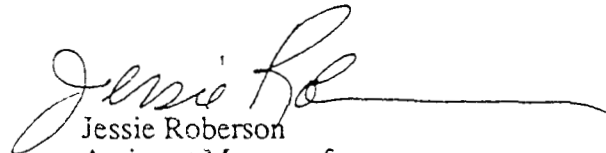
EG&G  
ROCKY FLATS PLANT  
CORRESPONDENCE CONTROL

ER:NIC:08039

Continuation of Chemically Enhanced Steam Stripping

Sue G. Stiger, Director  
Environmental Restoration Management  
EG&G Rocky Flats, Inc.

The Department of Energy, Rocky Flats Field Office requests that EG&G begin phase II of the Chemically Enhanced Steam Stripping treatability study which is being conducted at Los Alamos National Laboratory (LANL). Phase I results showing nearly 70 percent Pu removal from the soil tested are encouraging. Phase II as envisioned will include a factorial experimental design to investigate the effects of contact time, solution strength and percent solids on the extraction of plutonium. Two leaching solutions will be investigated: 1) citrate-dithionite, and 2) citrate-ascorbate. EG&G should ensure before the test work begins that there is a sufficient quantity of soil on hand at LANL to complete the test work. If you have any questions please contact Norma Castaneda at extension 4226.



Jessie Roberson  
Assistant Manager for  
Environmental Restoration

cc:  
N. Castaneda, ER, RFFO  
M. Harris, SAIC  
J. Hopkins, EG&G  
O. Erlich, EG&G  
W. Roushey, EG&G  
K. Motyl, EG&G

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